

Converting Colors

XYZ(37.8681, 32.9743, 38.1045)

Have a look what the booklet for
XYZ(37.8681, 32.9743, 38.1045)
contains.

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Color

**XYZ(37.9502, 32.9604,
38.0800)**

Conversions

Conversions Part 1

Format	Color
Hex	C18DA1
RGB	193, 141, 161
RGB Percent	76%, 55%, 63%
CMY	0.2431, 0.4470, 0.3686
CMYK	0.00, 0.27, 0.17, 0.24
HSL	337°, 30%, 65%
HSV	337°, 27%, 76%
XYZ	37.9502, 32.9604, 38.0800
YIQ	158.8280, 24.5720, 17.2440

Conversions

Conversions Part 2

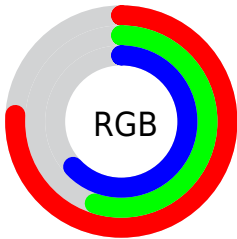
Format	Color
R_{YB}	193, 141, 161
Decimal	12684705
CIE _{Lab}	64.13, 22.80, -2.76
CIE _{LCh}	64, 22.965, 353.105
Yxy	32.9604, 0.3482, 0.3024
Android (android.graphics.Color)	4290874785 (0xFFC18DA1)
YUV	158.8280, 1.0708, 29.9688
Hunter-Lab	57.4111, 17.5234, 0.8616

Details

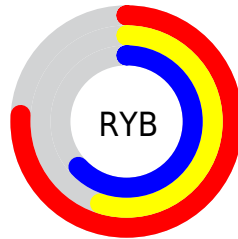
The XYZ color **37.9502, 32.9604, 38.0800** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.5986, 46.8206, 46.5930**, and the grayscale version is **32.8643, 34.5758, 37.6530**.

A 20% lighter version of the original color is **71.3341, 64.3121, 73.6195**, and **17.1181, 13.9271, 16.5378** is the 20% darker color. If you saturate the color by 10%, you get **34.3504, 27.3580, 31.9555**, and if you desaturate by 10%, it is **42.1473, 39.5974, 44.8953**.

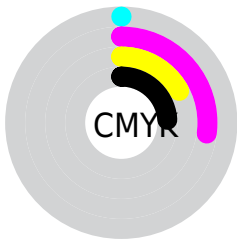
Distribution



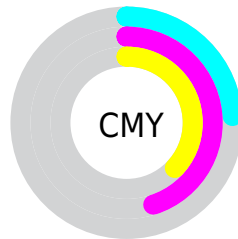
- Red (76%)
- Green (55%)
- Blue (63%)



- Red (76%)
- Yellow (55%)
- Blue (63%)



- Cyan (0%)
- Magenta (27%)
- Yellow (17%)
- Black (24%)




- Cyan (24%)
- Magenta (45%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9502, 32.9604, 38.0800 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 37.9502, 32.9604, 38.0800 by changing the saturation by 10% instead.


 37.9502, 32.9604,
38.0800


 37.9502, 32.9604,
38.0800


328.6908,
315.4713, 353.2715


 26.1211, 22.0961,
25.7425


 71.3362, 64.3137,
73.4355

 17.0474, 13.9275,
16.4070


 93.6238, 85.5715,
97.2906

 10.3638, 8.0703,
9.6552


 120.1282,
111.0626, 125.8219

 5.7049, 4.1400,
5.0683

151.2149,
141.1714, 159.4481

 2.7055, 1.7522,
2.2280

187.2491,
176.2822, 198.5876

 1.0000, 0.4571,
0.6904

228.5963,

 0.0000, 0.0000,

216.7796, 243.6589

0.0000

275.6217,
263.0478, 295.0807

■ 37.9502, 32.9604,
38.0800

■ 37.9502, 32.9604,
38.0800

■ 34.3504, 27.3580,
31.9555

■ 42.1473, 39.5974,
44.8953

■ 31.3167, 22.7332,
26.4967

■ 46.9653, 47.3132,
52.4213

■ 28.8189, 19.0301,
21.6796

■ 52.4302, 56.1551,
60.6795

■ 26.8232, 16.1856,
17.4782

■ 58.5653, 66.1660,
69.6899

■ 25.2911, 14.1283,
13.8638

■ 65.3930, 77.3867,
79.4717

■ 24.1787, 12.7752,
10.8052

■ 72.3560, 88.6989,
89.8504

■ 23.4266, 12.0137,
8.2649

■ 74.1037, 89.3980,
99.0535

■ 23.2360, 11.8350,
7.5777

■ 75.8025, 90.0775,
107.9992

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36.5959, 32.9604, 47.7405



37.9502, 32.9604, 38.0800



37.4343, 32.9604, 29.3135

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37.9502, 32.9604, 38.0800



28.9391, 32.9604, 21.8156



27.7240, 32.9604, 52.1879

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



37.9502, 32.9604, 38.0800



37.5986, 46.8206, 46.5930

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



25.9245, 32.9604, 43.3792



37.9502, 32.9604, 38.0800



26.5914, 32.9604, 26.1805

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



37.9502, 32.9604, 38.0800



32.0841, 32.9604, 20.8918



25.5246, 32.9604, 33.7823



30.5836, 32.9604, 56.7488

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



37.9502, 32.9604, 38.0800



36.1154, 32.9604, 24.9954



25.5246, 32.9604, 33.7823



26.9833, 32.9604, 49.5594

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



37.9511, 32.9619, 38.0807



83.0331, 82.9973, 92.2221



36.2089, 31.6950, 54.6617



17.5209, 17.3357, 19.3326



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.9511, 32.9619, 38.0807



64.2561, 53.2317, 61.9527



37.1109, 33.8816, 29.7850



10.2299, 10.1406, 11.3013



15.4910, 7.8862, 5.2318



0.7030, 0.3542, 0.4036

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



37.9511, 32.9619, 38.0807



64.2561, 53.2317, 61.9527



38.5517, 45.3949, 57.1826



10.2299, 10.1406, 11.3013



15.4910, 7.8862, 5.2318



0.7030, 0.3542, 0.4036

Previews

White Background



This preview shows how the XYZ color 37.9502, 32.9604, 38.0800 looks on a white background.

Color Contrast Check

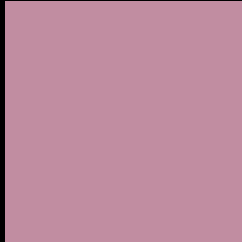
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 37.9502, 32.9604, 38.0800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.9502, 32.9604, 38.0800

Background



This preview shows how black text looks on a background with the XYZ color 37.9502, 32.9604, 38.0800.



This preview shows how white text looks on a background with the XYZ color 37.9502, 32.9604,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

37.9502, 32.9604, 38.0800

Protanopia

32.4003, 33.2758, 42.2513

Deuteranopia

33.6868, 33.0714, 37.4088



Tritanopia

37.1610, 32.8524, 34.5195

Trichromacy



Original Color

37.9502, 32.9604, 38.0800

Protanomaly

34.1515, 33.0009, 40.6462

Deuteranomaly

35.1390, 32.8705, 37.7503

Tritanomaly

37.4120, 32.9528, 35.8412

Monochromacy



Original Color

37.9502, 32.9604, 38.0800

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.3680, 33.6525, 37.9419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9502, 32.9604, 38.0800 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(193, 141, 161)` looks like.

```
.text, #text, p{  
    color:rgb(193, 141, 161)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(193, 141, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 141, 161) }
```

Border

The CSS property to change the border of an element to XYZ 37.9502, 32.9604, 38.0800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 141, 161) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(193, 141, 161) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(193, 141, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 141, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 141, 161);  
box-shadow:4px 4px 4px 4px rgb(193, 141,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9502, 32.9604, 38.0800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 141, 161) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(193,  
141, 161) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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